Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 01 Apr 2023 until 23:59 on Sunday 02 Apr 2023

Forecast Issued on Friday 31 Mar 2023 at 14:51

Confidence: High for misty and damp conditions on Saturday then for dry and much brighter weather on Sunday and Monday. Some uncertainty in timings weather fronts arriving from the west on Tuesday and Wednesday.

Headline for Saturday 01 Apr 2023: Extensive low cloud with rain at times. Cool and breezy.

Mountain weather hazards on Saturday 01 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
20%	20%	30%	30%	60%	60%	60%	30%

Forecast for Saturday 01 Apr 2023

Weather: Cloudy with the odd post of rain overnight. A largely dry start but cloudy with areas of mist and low cloud. Outbreaks of rain or drizzle developing, mainly through the afternoon and across the eastern Dales. The rain will gradually fizzle out through evening.

Chance of cloud-free hill tops above 600m: Less than 10%.

Low Cloud and visibility: Extensive cloud and fog above 500 or 600m at first but lowering to 300 or 400m in the afternoon. Below the cloud, rather hazy conditions with visibility down to a few km at times in rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 01 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 NE	14/20 NE	12/17 NE	13/19 NE	12/18 NE	14/21 NE	14/20 NE	14/21 NE	12/18 NE
300	11/20 NE	10/19 NE	9/17 NE	10/18 NE	10/18 NE	10/20 NE	9/18 NE	9/18 NE	8/16 NE
Valley	9/19 NE	9/19 NE	4/11 NE	6/13 NE	7/15 NE	8/18 NE	7/15 NE	6/14 NE	7/14 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	1/-4	1/-4	2/-3	3/-1	4/-1	3/-2	2/-3	1/-4
300	4/1	4/-0	3/-0	5/2	6/3	6/3	5/2	4/1	4/0
Valley	6/3	5/2	5/3	7/5	8/6	8/6	7/5	6/4	5/3
Freezing Level*	1000m	800m	700m	800m	1000m	1100m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good navigations skills will be required for those venturing onto high ground on Saturday. Also, note the chilly conditions on the tops with damp weather adding to the cold feel.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 31 Mar 2023	2.4mm	17.8mm	21.6mm

Forecast for Sunday 02 Apr 2023

Weather: Dry with lengthening clear spells overnight and a touch of frost. A dry and bright day with increasing amounts of sunshine and light winds.

Maximum wind: Easterly becoming variable, 5-10mph.

Chance of cloud-free hill tops above 600m: 10% becoming 90% by morning.

Low Cloud and visibility: Mainly excellent visibility. Areas of cloud above 400m overnight will clear by the morning.

Temperature: **Valleys:** Plus 1C rising to 9 or 10C.
At 600m: 0C rising to 6C.
Freezing level: 600m, rising above summits during daytime.

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